

ABSTRACT OF THE DISCLOSURE

Various embodiments of a 3-D display device are disclosed which simultaneously provide a wide field of view and a large eye relief and yet do not require that the viewer wear glasses or the like in order to keep the images intended for only the left eye from entering the view field of the right eye and vice-versa. The light that forms left and right display images is made independent in left and right optical paths, either by having orthogonal polarizations, wavelengths that do not overlap, or by time-multiplexing the left and right images in different time periods that do not coincide.